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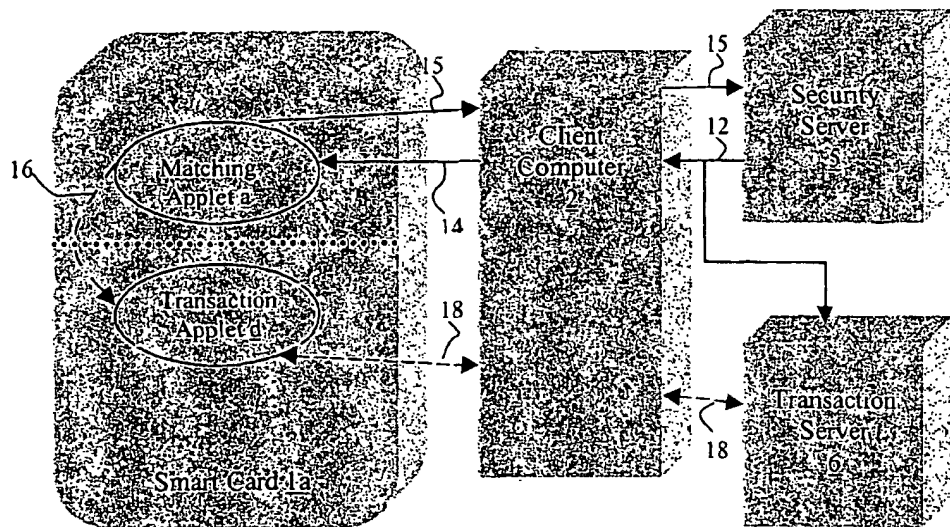
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(57) Abstract: Identity authentication systems and techniques are disclosed which solves the problem associated with limited processing power and smart card technology in the handling of biometric authentication. By distributing the processing of an identity authenticating process between a smart card and a computer terminal, the complicated calculation involved in a biometrics matching process can be carried out to allow verification using biometric parameters stored on smart cards. There is disclosed a system and technique for user authentication, together with a system and technique for distributed processing. A registration method is also described.

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# INTERNATIONAL SEARCH REPORT

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 11577 A (PRECISE BIOMETRICS AB ;WIEBE LINUS (SE)) 15 February 2001 (2001-02-15) the whole document	1-37
A	US 6 219 439 B1 (BURGER PAUL M) 17 April 2001 (2001-04-17) the whole document	1-37
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A	US 6 003 135 A (BIALICK WILLIAM P ET AL) 14 December 1999 (1999-12-14) the whole document	1-37
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
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